

0906

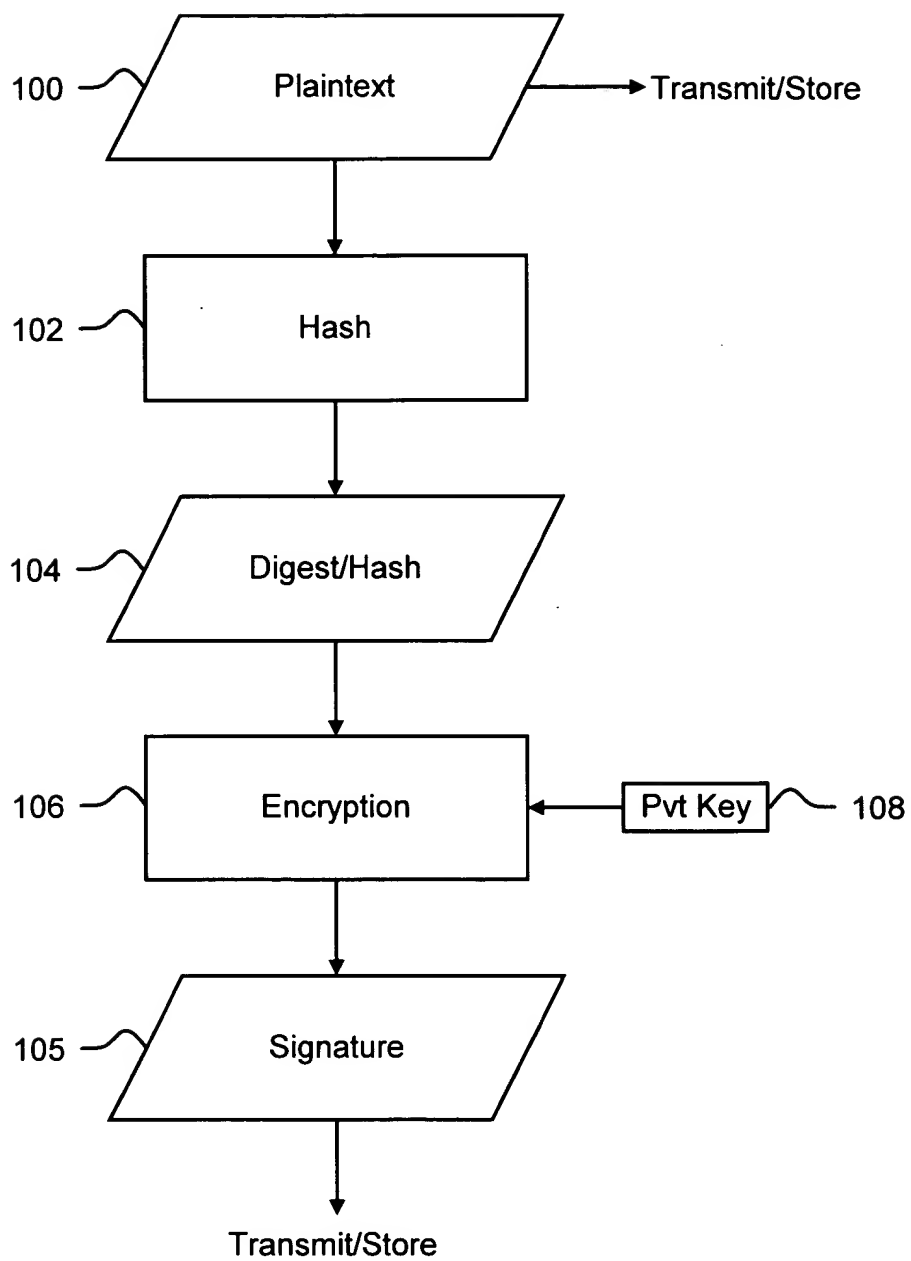


Fig. 1A

005040"05'0450

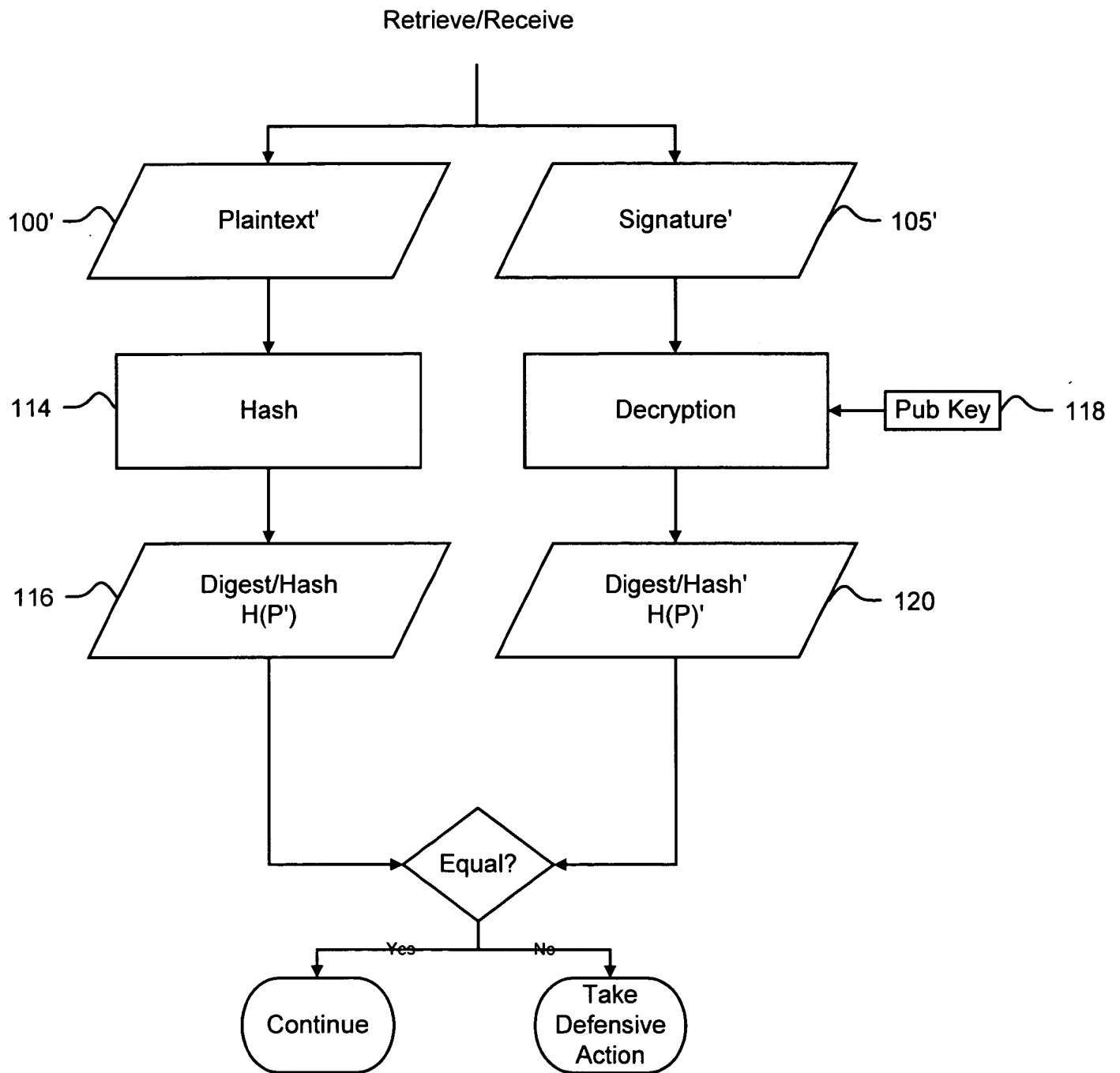


Fig. 1B

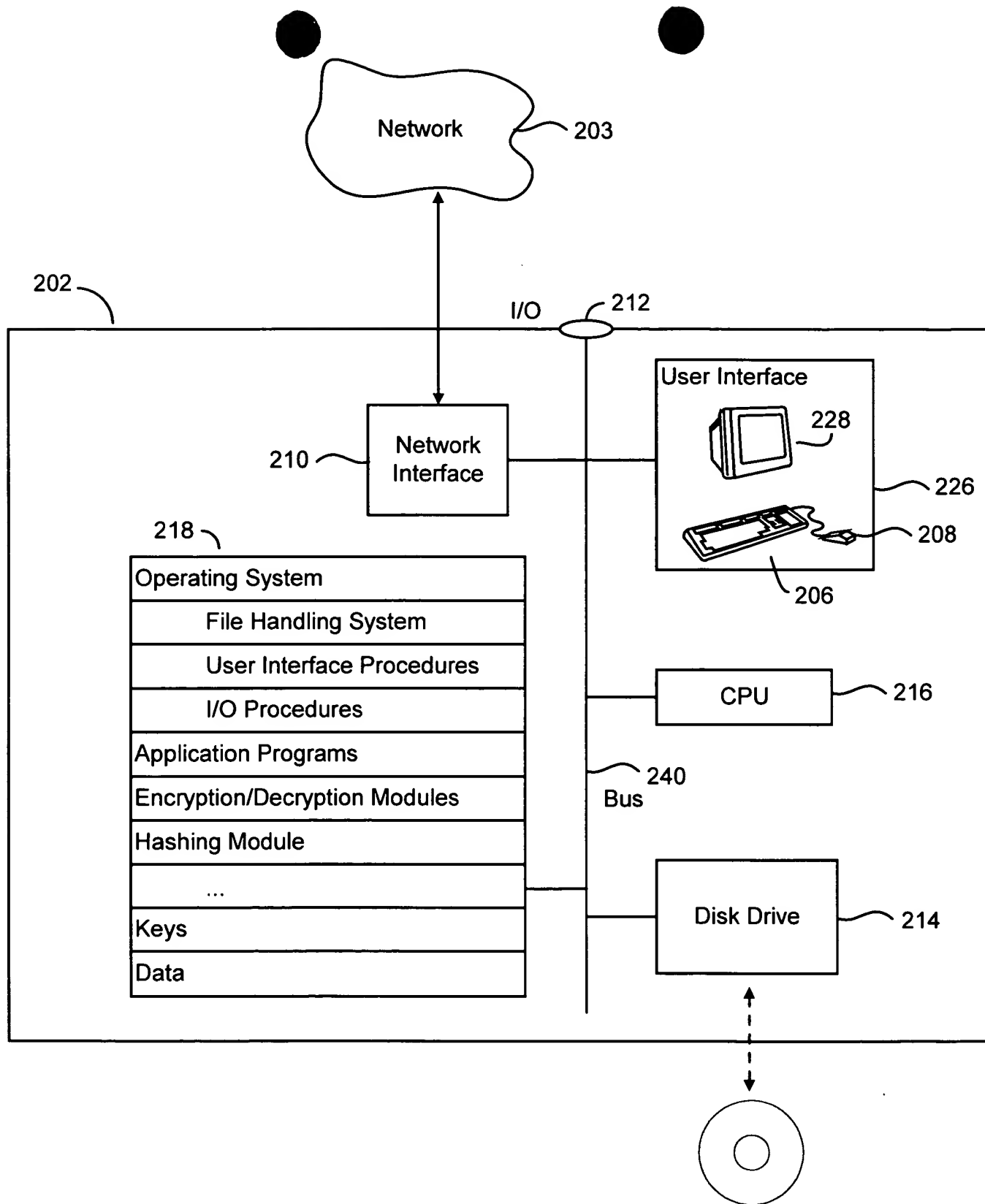


Fig. 2A

000040 05224550

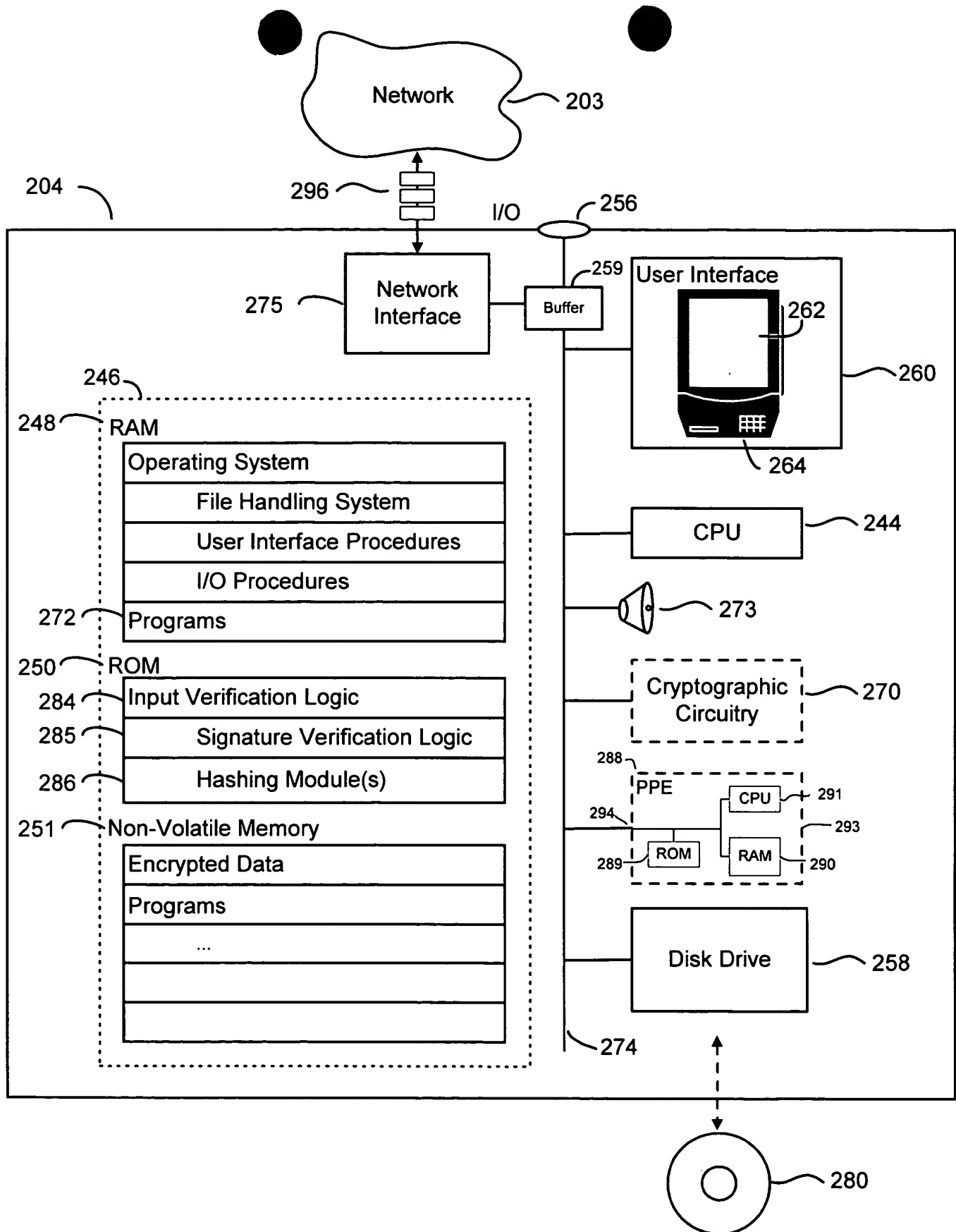


Fig. 2B

005040"052450

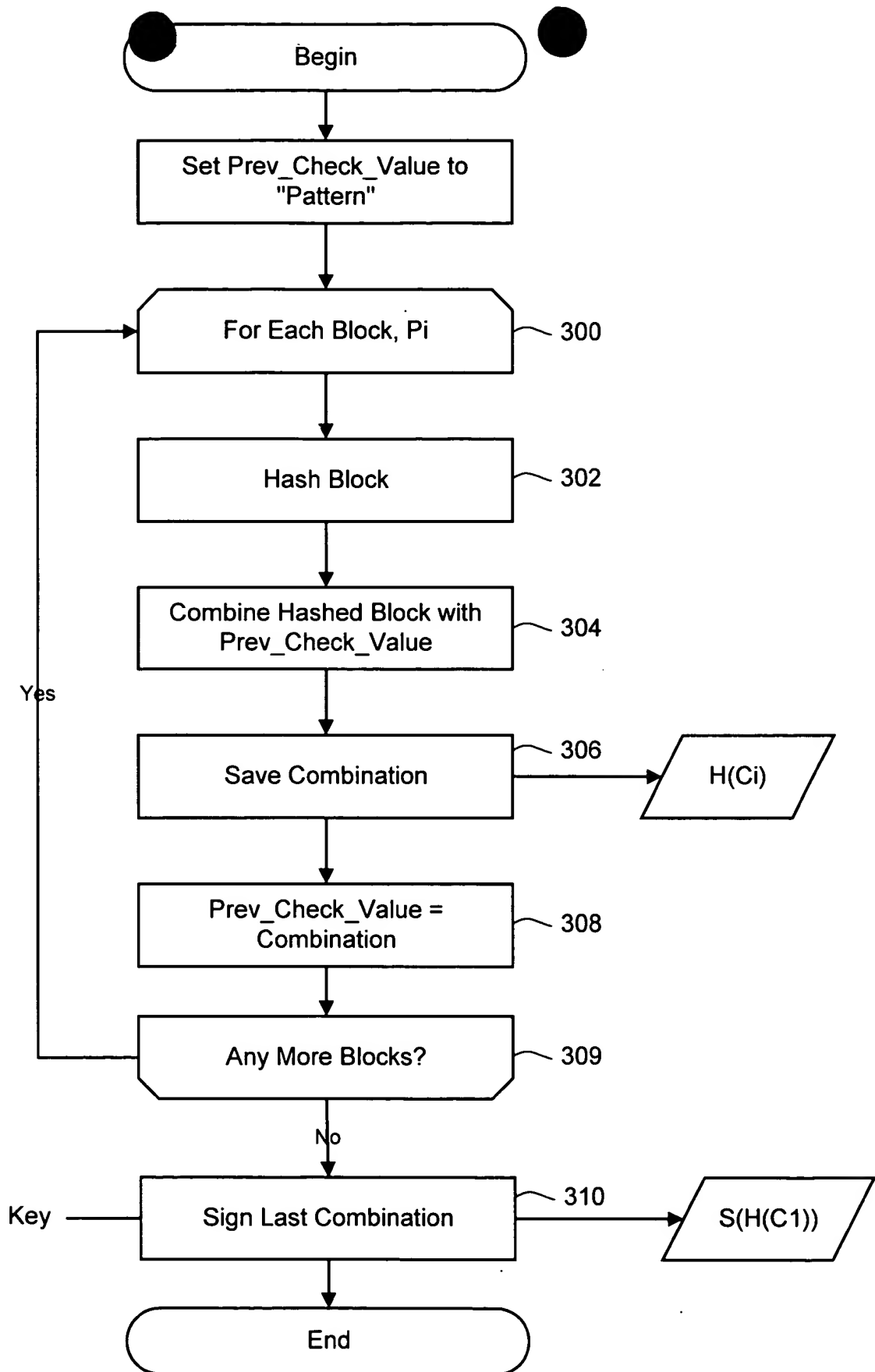


FIG. 3

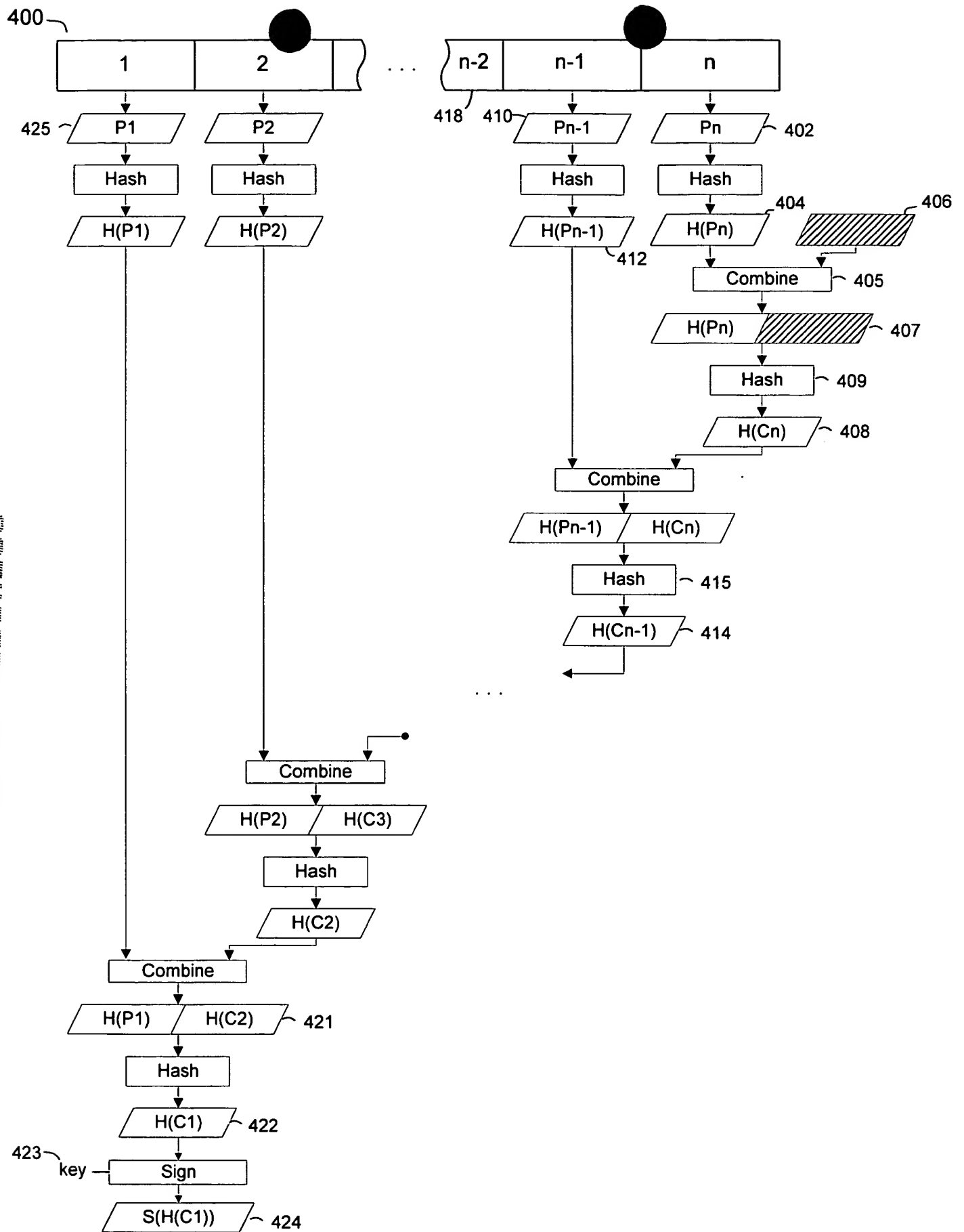


FIG. 4

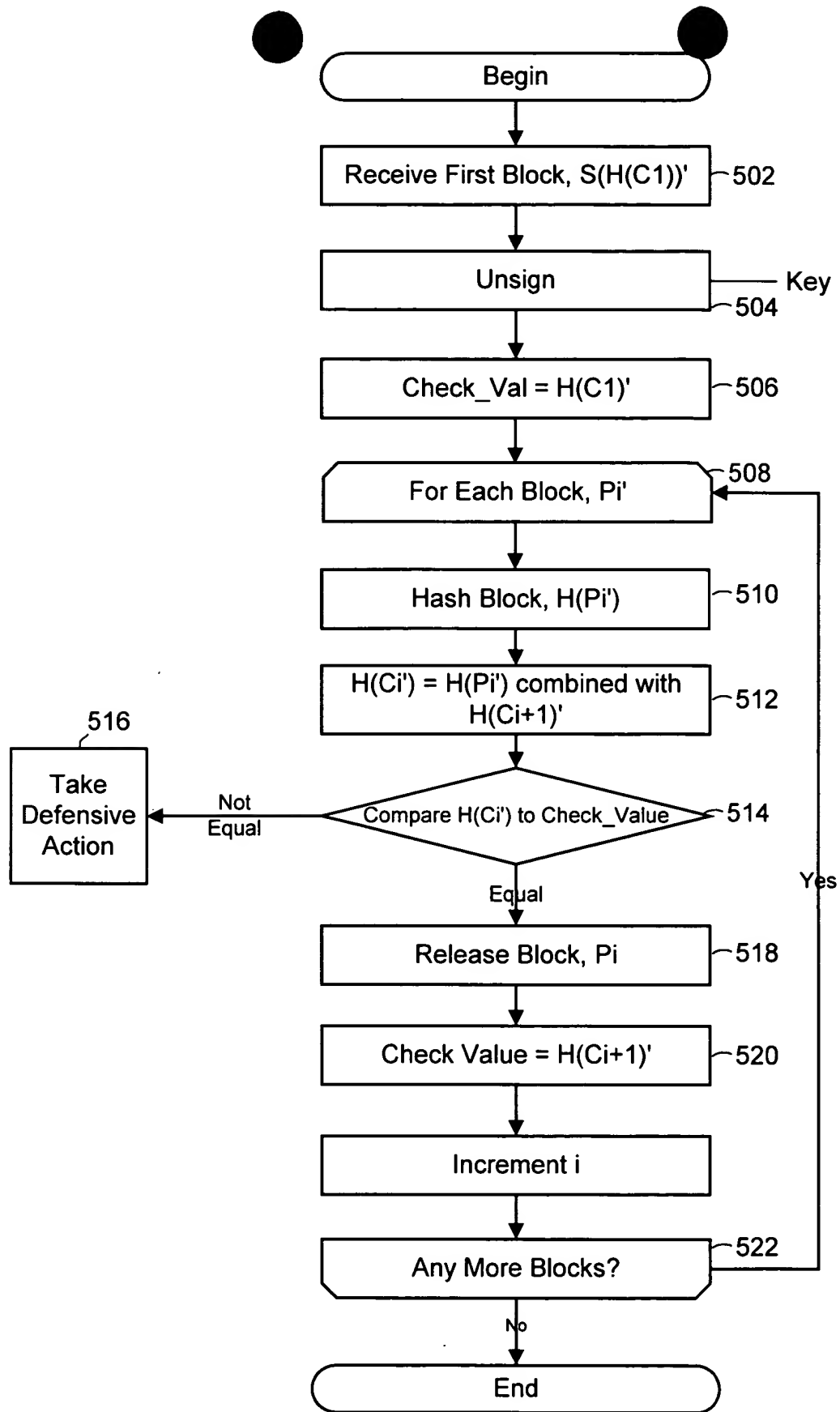


FIG. 5

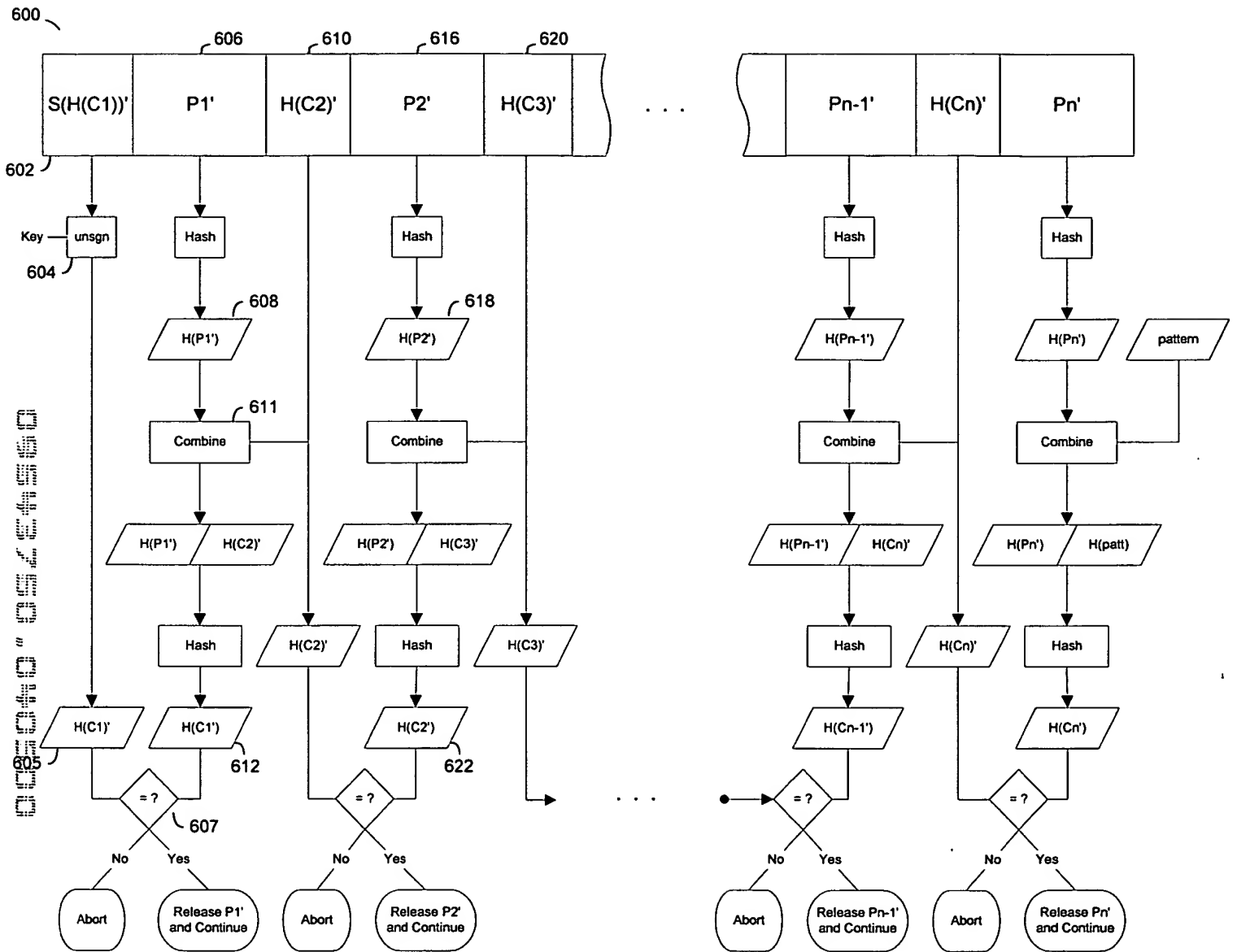


FIG. 6

1. The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $\epsilon \rightarrow 0$. It is shown that the solutions of the system (1) converge to the solutions of the system (2) in the sense of the weak convergence in the space $L^2(\Omega; \mathbb{R}^n)$.

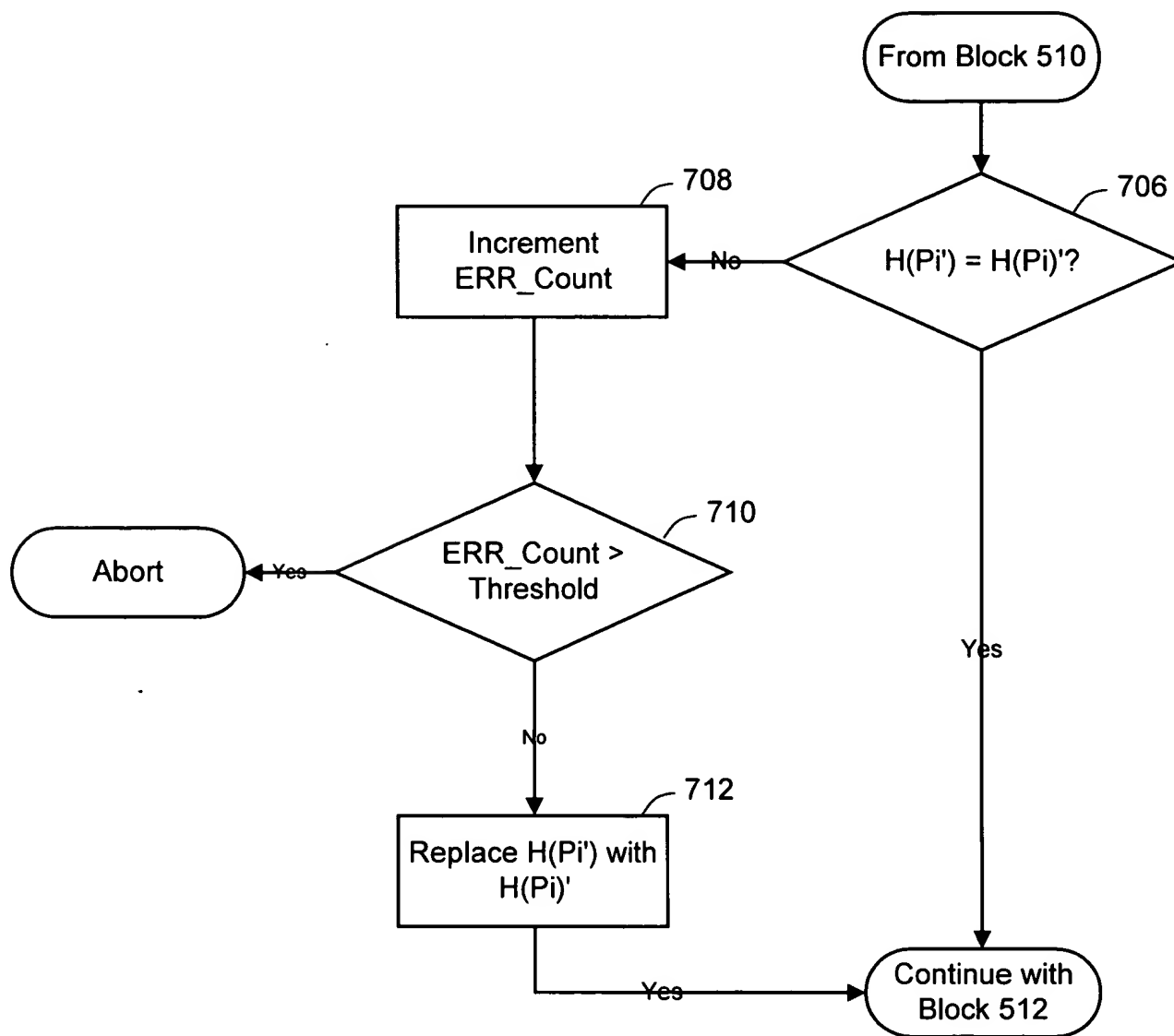


FIG. 7

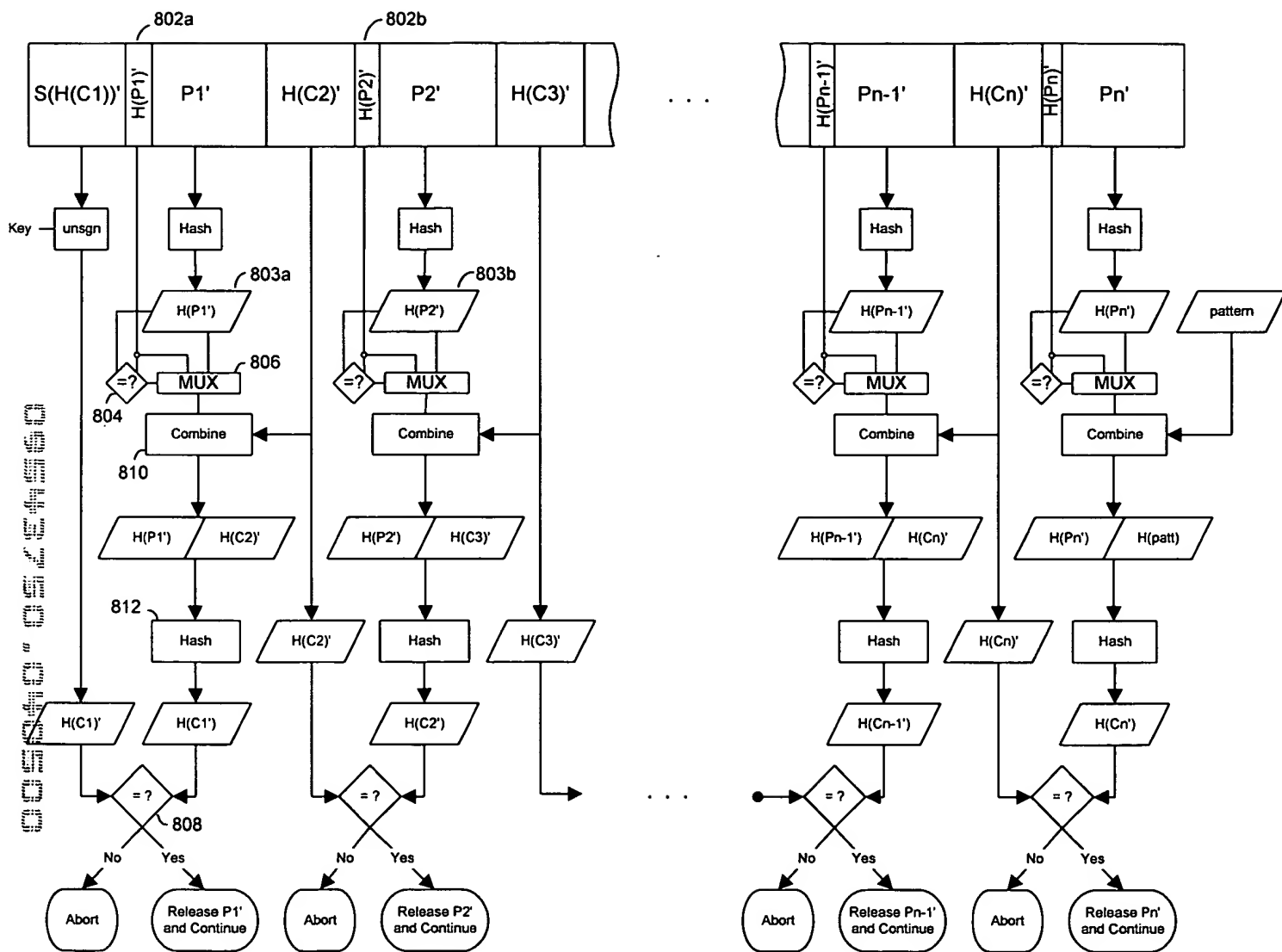


FIG. 8

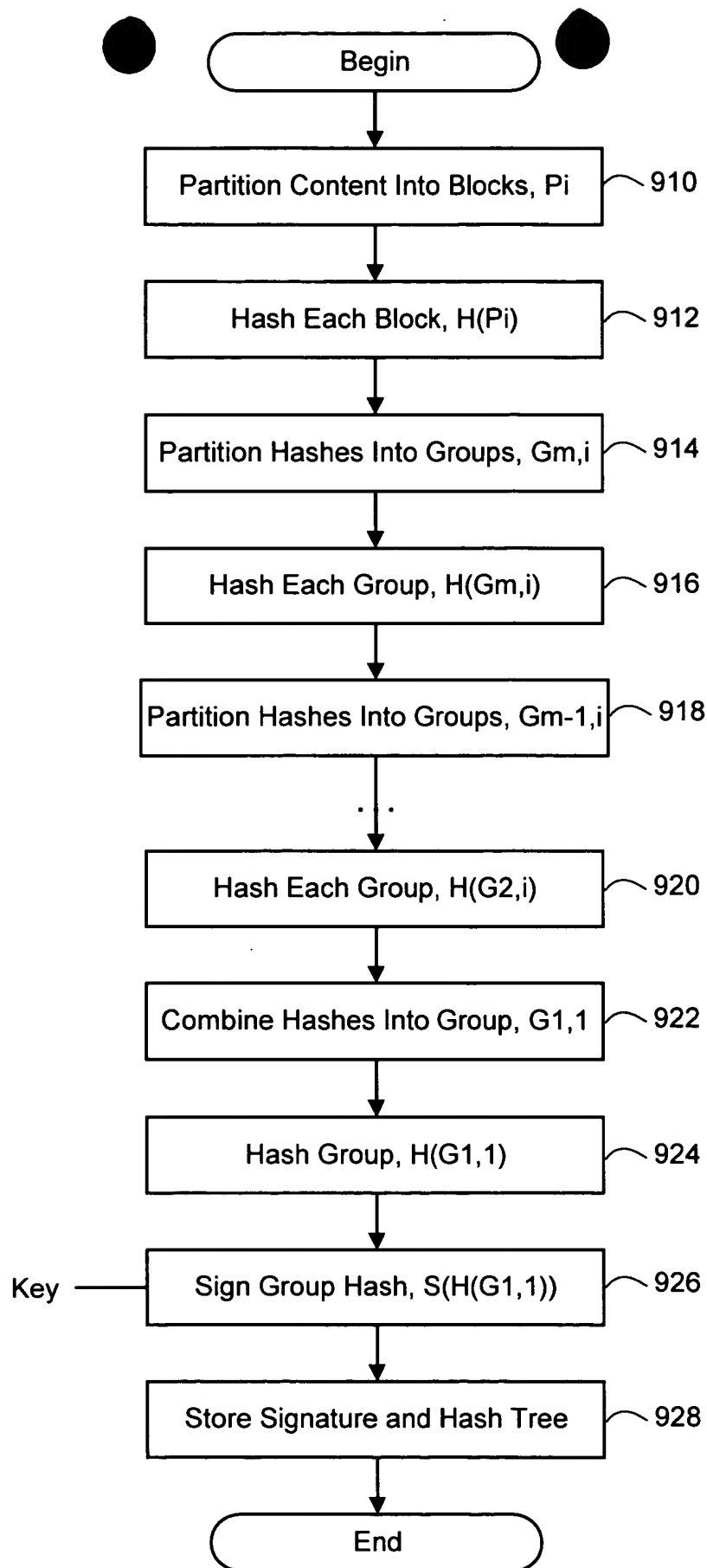


FIG. 9

Level 1024

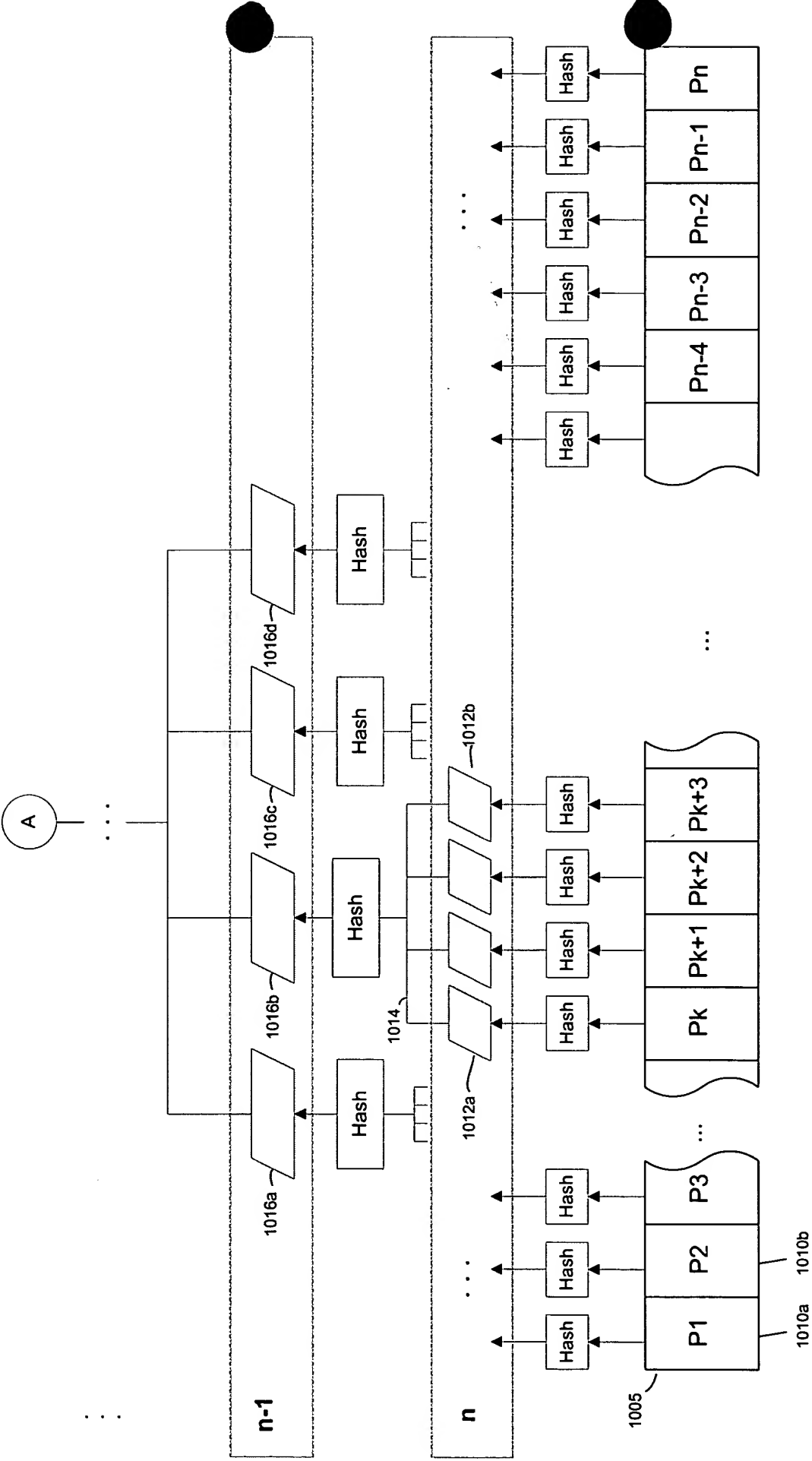


FIG. 10A

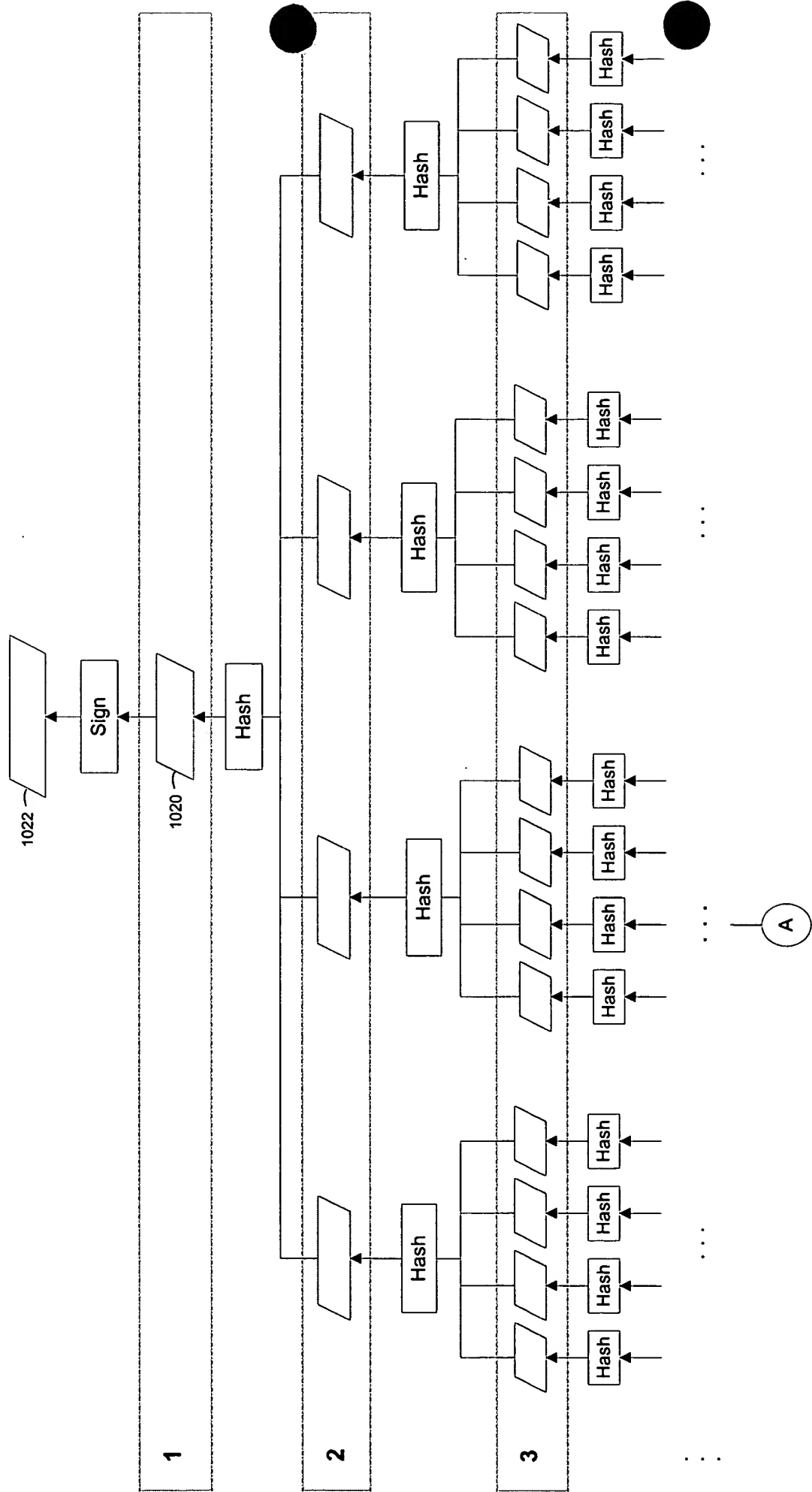


FIG. 10B

1026

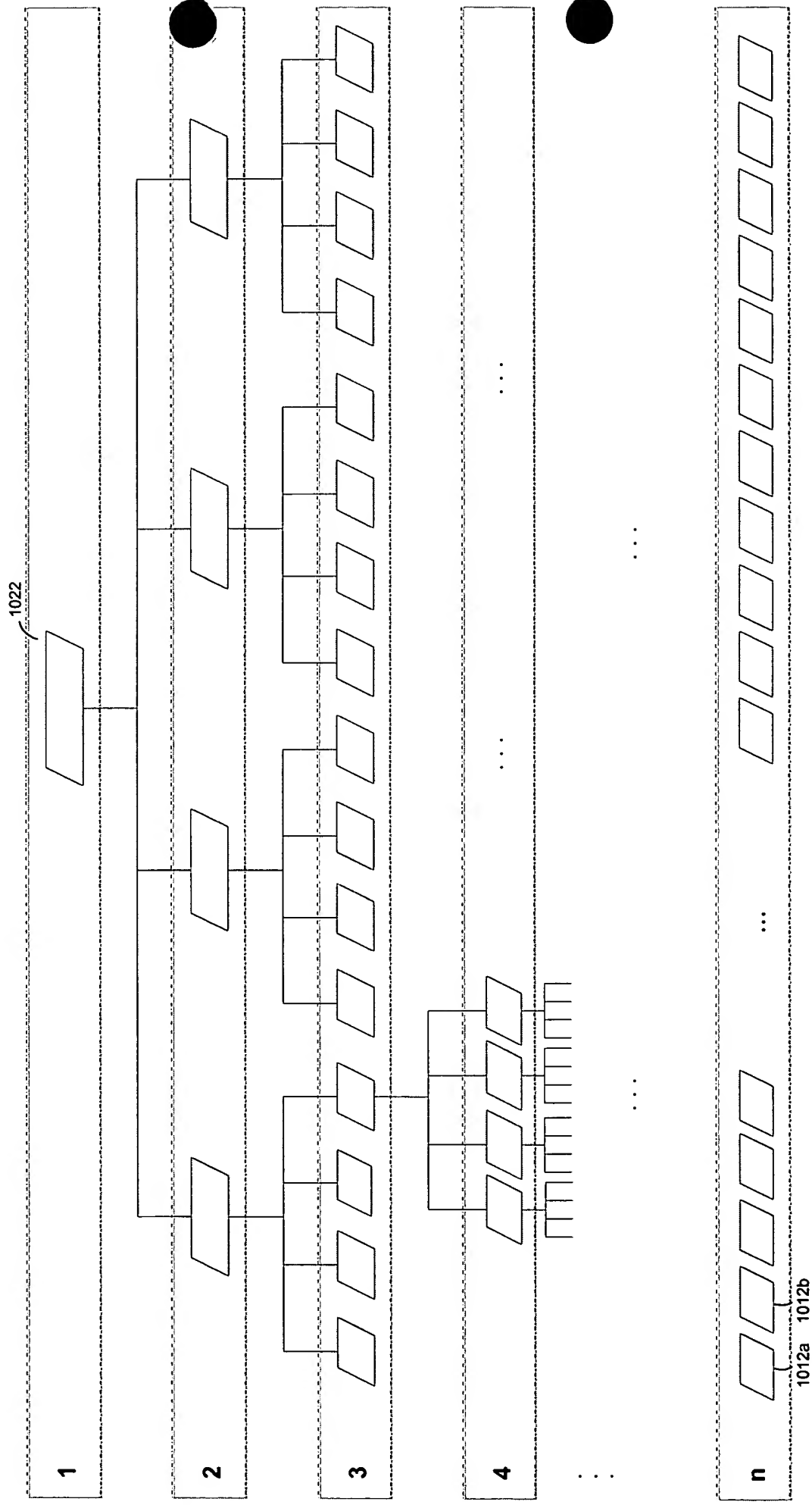


FIG. 10C

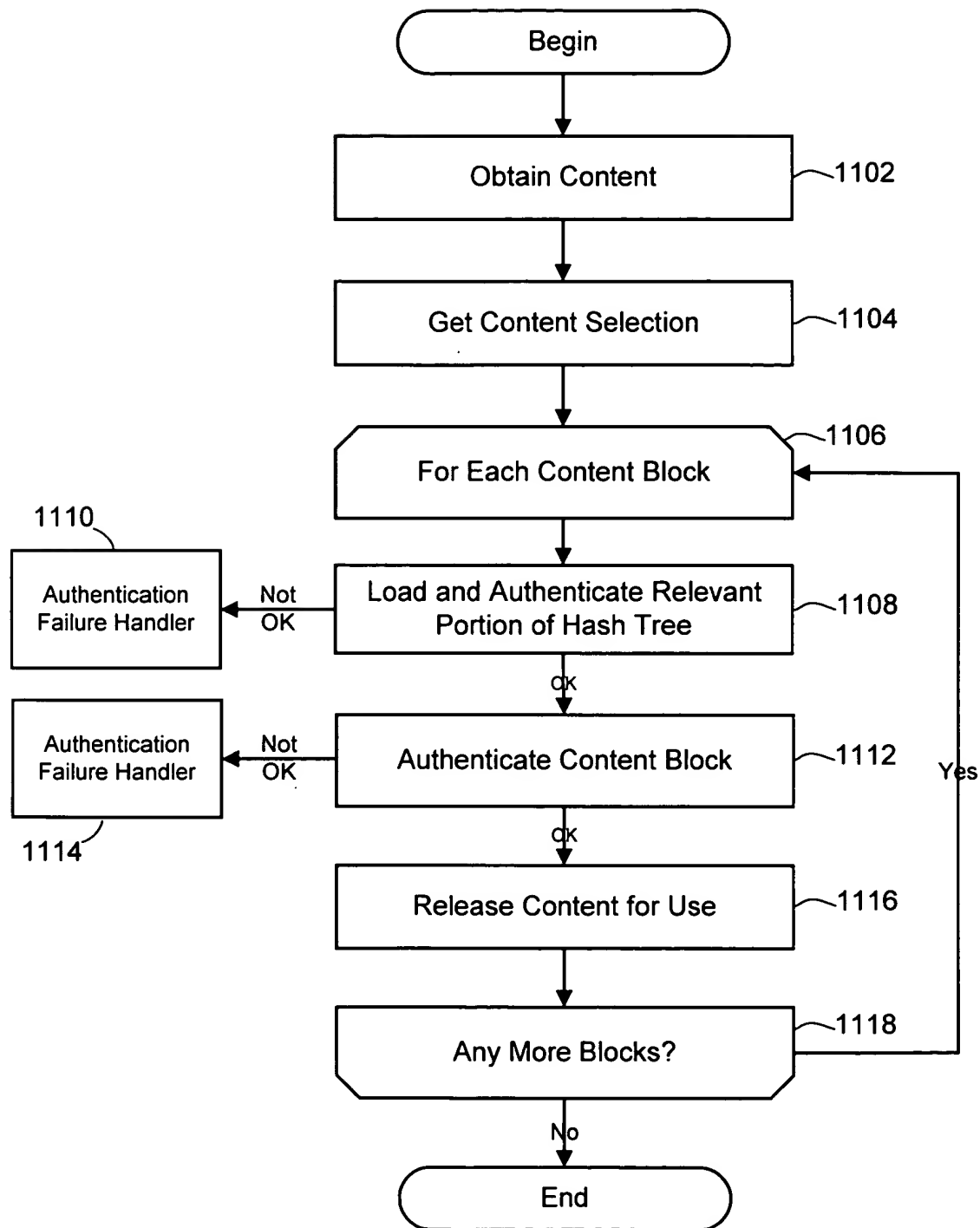


FIG. 11

1200

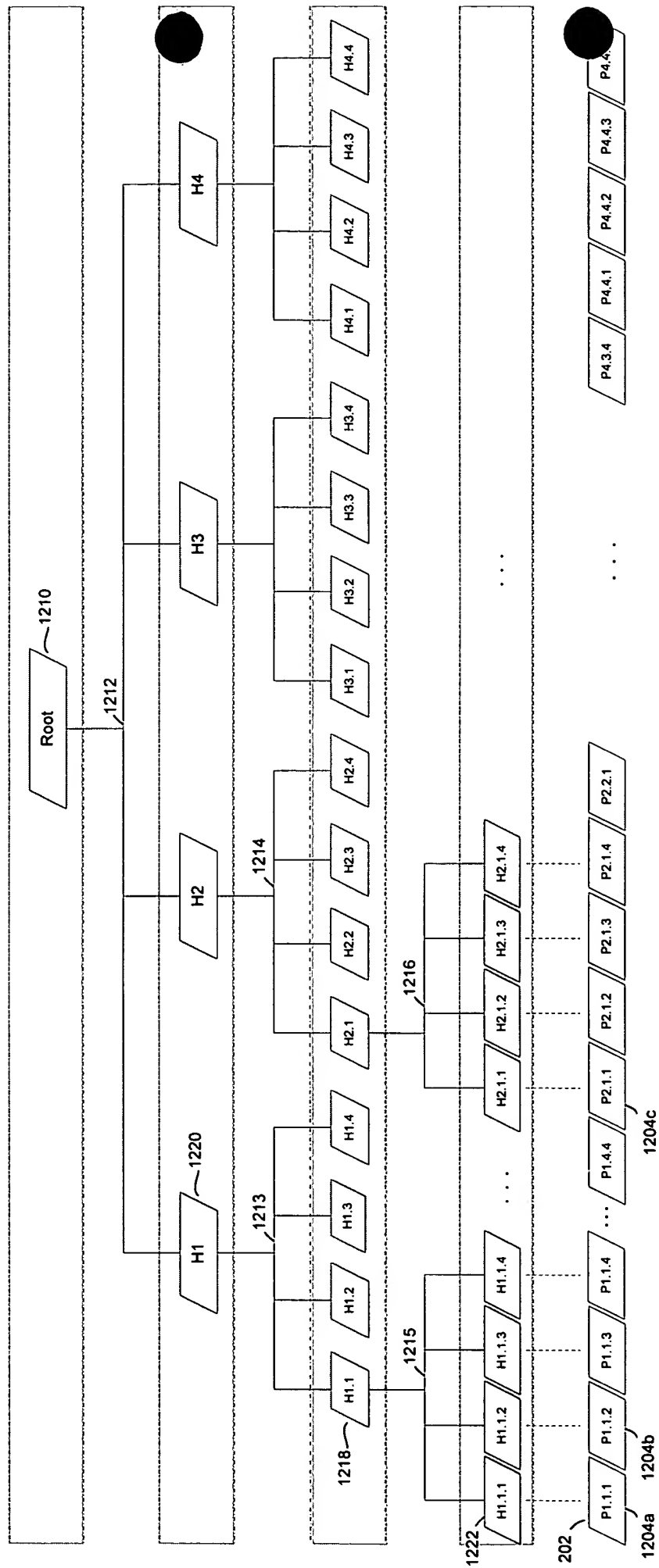


FIG. 12

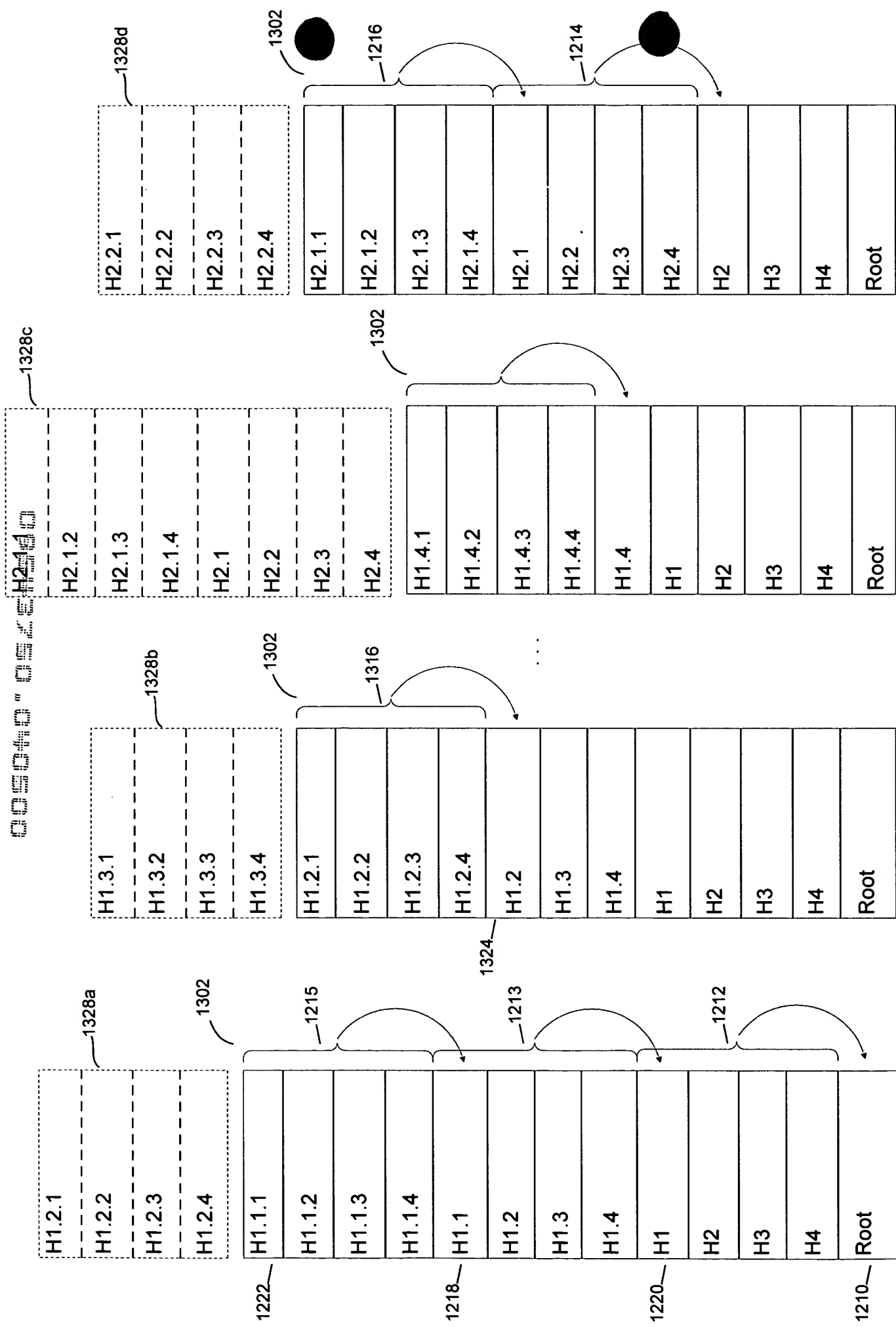


FIG. 13A

FIG. 13B

FIG. 13C

FIG. 13D

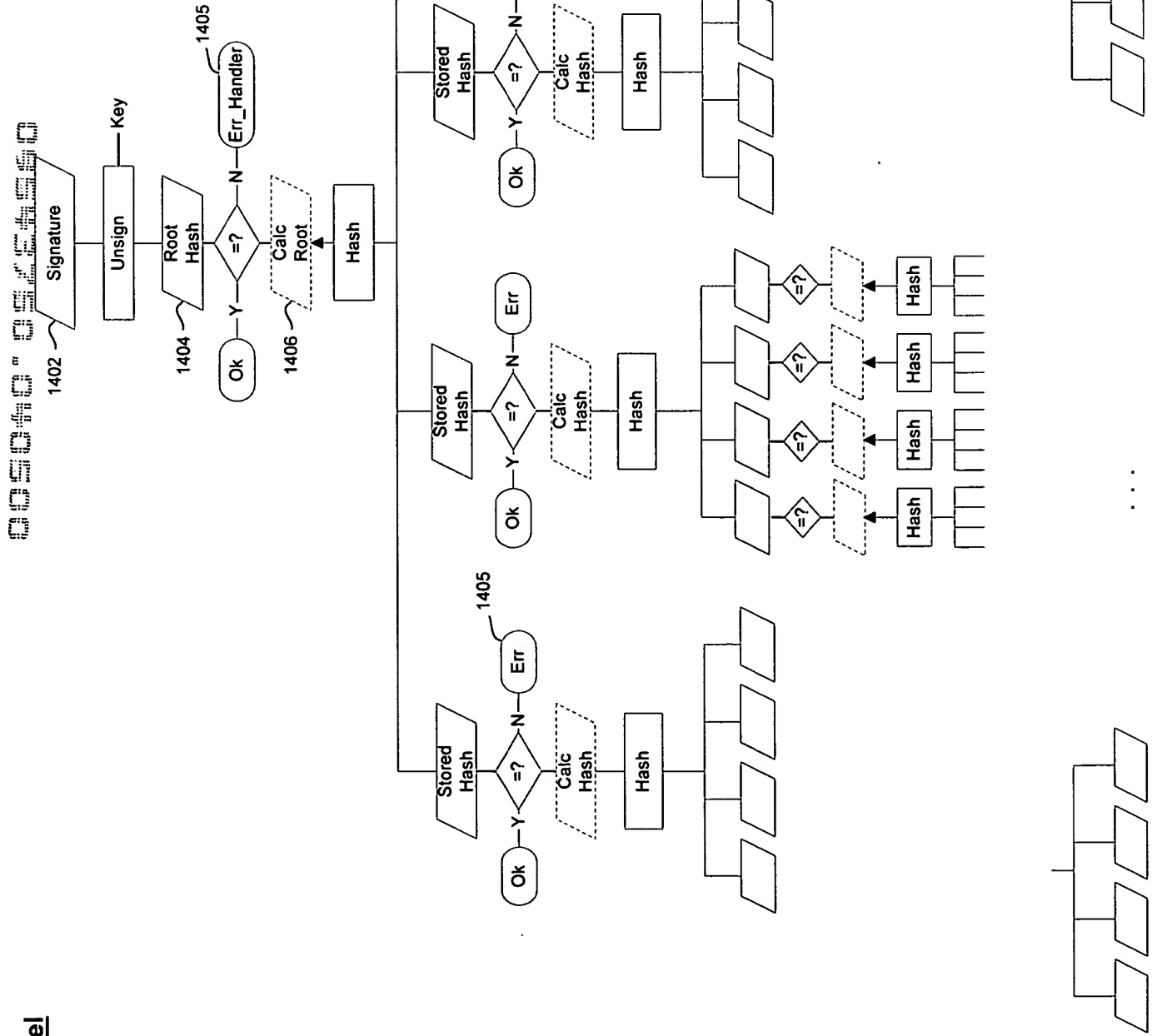


FIG. 14

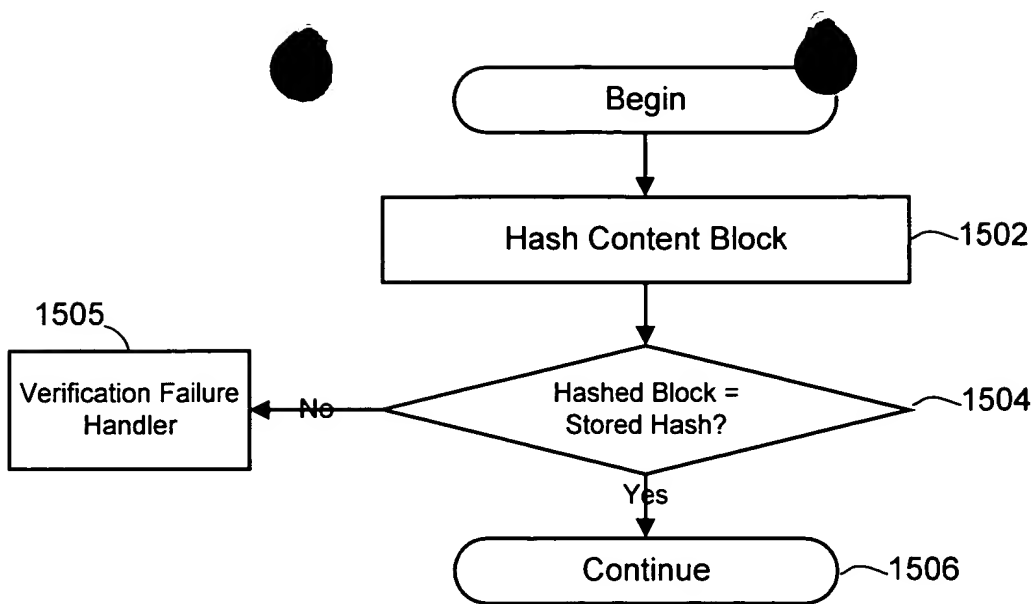


FIG. 15A

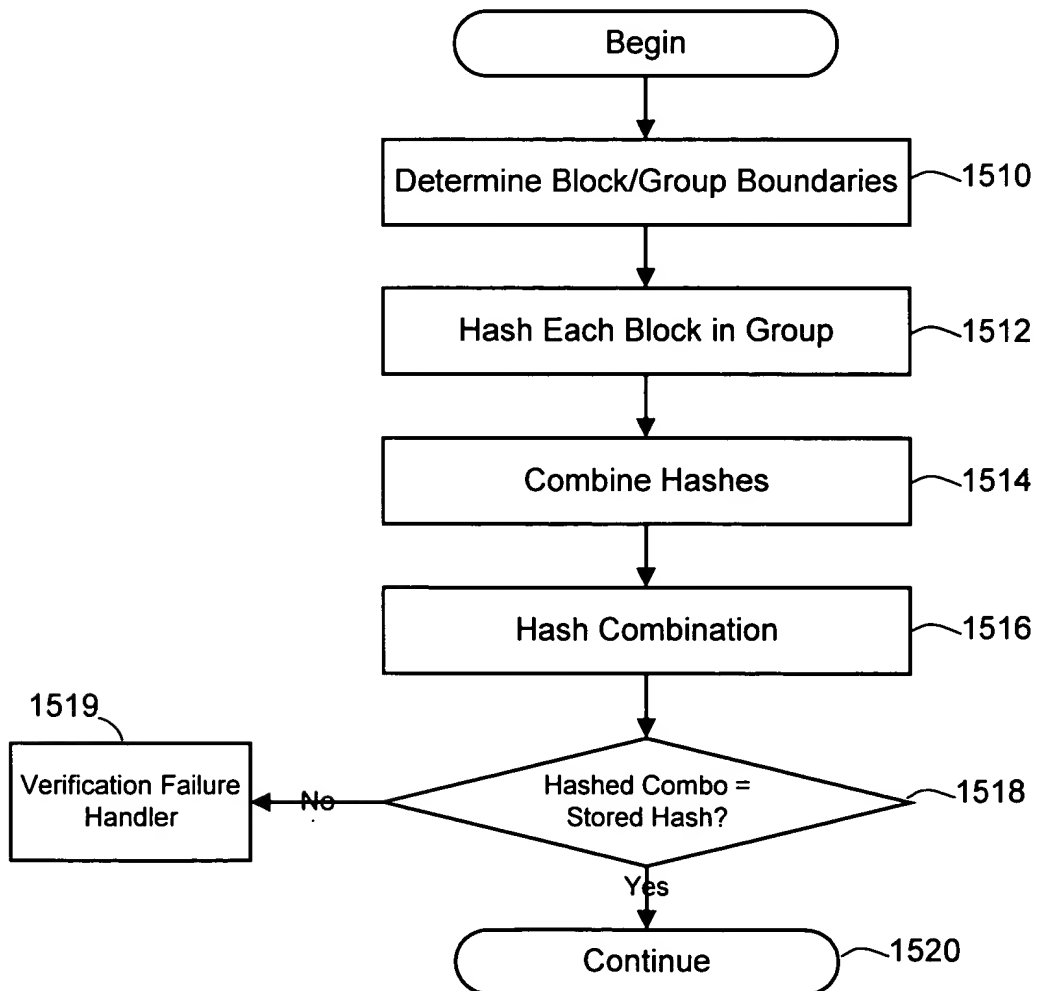


FIG. 15B